

# Sika Corporation Construction



*Proud Member Since 2001*

June 9, 2011 (updated by the Technical Services Department)

Attention: Sika Customer

Reference: LEED® Credit Contribution of Sika Corporation Products

Thank you for your inquiry concerning LEED® (Leadership in Energy and Environmental Design) credits for Sika products. There are three credits for the LEED® rating system that apply to our products and are further described below. Always refer to the specific LEED® literature for details concerning credits and when they can be taken.

Section MR (Materials and Resources), Credit 5.1 Regional Materials This credit relates to products manufactured within 500 miles of the building site location. The manufacturing sites of Sika products are:

Lakewood, New Jersey 08701

- Single Component Silicone Sealants

Lyndhurst, New Jersey 07071

- Single Component Polyurethane Sealants
- Cementitious Repair Mortars

Marion, Ohio 43302

- Two Component Polyurethane Sealants
- Elastomeric Acrylic Coatings
- Epoxy Resins
- Cementitious Repair Mortars
- Industrial Flooring Products

Santa Fe Springs, California 90670

- Cementitious Repair Mortars
- High Molecular Weight Methacrylates (HMWM)
- Polyurethane Traffic Coatings

Montreal, Canada H9R 4A9

- Industrial Flooring Products



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Middletown, Connecticut 06457  
- Polyurethane Liquid Membranes

Refer to the LEED® literature and this specific credit for details and confirm your site is within 500 miles of our manufacturing facility.

For products listed preceded with an asterisk (\*), please contact Sika as it's production location is not listed above.

Section EQ (Indoor Environmental Quality), Credit 4.1 This section pertains to VOC limits of sealants, primers and adhesives relative to standards set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality Management District Regulation 9 (BAAQMD), Rule 51 requirements. VOC values of mixed Sika products are listed on the next pages.

| <u>Sealant Products (All Colors)</u>  | <u>V.O.C. Content</u> |
|---------------------------------------|-----------------------|
| *Sika Boom                            | ≤ 210 g/l             |
| Sikadur 51 NS (Two Component)         | ≤ 100 g/l             |
| Sikadur 51 SL (Two Component)         | ≤ 50 g/l              |
| Sikaflex Construction Sealant         | ≤ 50 g/l              |
| Sikaflex Self Leveling Sealant/-1c SL | ≤ 50 g/l              |
| Sikaflex-1a                           | ≤ 50 g/l              |
| Sikaflex-15 LM                        | ≤ 50 g/l              |
| Sikaflex-2c NS                        | ≤ 50 g/l              |
| Sikaflex-2c NS EZ Mix                 | ≤ 60 g/l              |
| Sikaflex-2c NS TG                     | ≤ 75 g/l              |
| Sikaflex-2c SL                        | ≤ 75 g/l              |
| Sikasil-GP                            | ≤ 40 g/l              |
| Sikasil-N Plus US                     | ≤ 40 g/l              |
| Sikasil WS-290                        | ≤ 30 g/l              |
| Sikasil WS-290 FPS                    | ≤ 30 g/l              |
| Sikasil WS-295                        | ≤ 30 g/l              |
| Sikasil WS-295 FPS                    | ≤ 30 g/l              |
| Sikasil 728 NS                        | ≤ 25 g/l              |
| Sikasil 728 SL                        | ≤ 30 g/l              |
| Sikasil 728 RCS                       | ≤ 50 g/l              |

## Primers

|                        | <u>V.O.C. Content</u> |
|------------------------|-----------------------|
| Sika Primer MB (epoxy) | ≤ 35 g/l              |
| Sikaflex Primer 260    | ≤ 900 g/l             |
| Sikaflex Primer 429    | ≤ 500 g/l             |
| Sikaflex Primer 449    | ≤ 700 g/l             |
| Sikafloor FTP          | ≤ 10 g/l              |
| Sikasil Primer-2100    | ≤ 750 g/l             |

## Adhesives

### Reactive Resins

|  | <u>V.O.C. Content</u> |
|--|-----------------------|
| Sika Armatec 110 EpoCem                | ≤ 10 g/l              |
| *Sikadur AnchorFix 1                   | ≤ 35 g/l              |
| *Sikadur AnchorFix 2                   | ≤ 30 g/l              |
| Sikadur 21, Lo-Mod LV                  | ≤ 80 g/l              |
| Sikadur 22, Lo-Mod                     | ≤ 60 g/l              |
| Sikadur 23, Lo-Mod Gel                 | ≤ 150 g/l             |
| Sikadur 300                            | ≤ 10 g/l              |
| Sikadur 31, Hi-Mod Gel (1:1 Mix Ratio) | ≤ 100 g/l             |
| Sikadur 32, Hi-Mod                     | ≤ 50 g/l              |
| Sikadur 32 Hi-Mod LPL                  | ≤ 60 g/l              |
| Sikadur 33                             | ≤ 20 g/l              |
| Sikadur 35, Hi Mod LV/Crack Fix        | ≤ 25 g/l              |
| Sikadur 35, Hi Mod LV LPL              | ≤ 75 g/l              |
| Sikadur 42, Grout-Pak                  | ≤ 100 g/l             |
| Sikadur Injection Gel, Standard Set    | ≤ 125 g/l             |
| Sikadur 52                             | ≤ 75 g/l              |
| Sikadur 55 SLV                         | ≤ 150 g/l             |
| SikaPronto 19 TF (HMWM)                | ≤ 250 g/l             |

| <u>Polyurethanes</u>           | <u>V.O.C. Content</u> |
|--------------------------------|-----------------------|
| SikaBond Construction Adhesive | ≤ 50 g/l              |
| SikaBond-T21                   | ≤ 60 g/l              |
| SikaBond-T35                   | ≤ 100 g/l             |
| SikaBond-T53                   | ≤ 55 g/l              |
| SikaBond-T54                   | ≤ 50 g/l              |
| SikaBond-T55                   | ≤ 100 g/l             |
| Sikaflex-11 FC                 | ≤ 50 g/l              |

Section EQ (Indoor Environmental Quality), Credit 4.2 This credit also relates to VOC content and pertains to paints and coatings. VOC values of mixed Sika products are listed below.

| <u>Coatings</u>                        | <u>V.O.C. Content</u>        |
|--|------------------------------|
| Sika Ferrogard 903                     | ≤ 110 g/l                    |
| Sikafloor 90                           | ≤ 70 g/l                     |
| Sikafloor 261 (all colors)             | ≤ 150 g/l                    |
| Sikagard 62 (all colors)               | ≤ 25 g/l                     |
| Sikagard 550W Elastocolor (all colors) | ≤ 50 g/l                     |
| Sikagard 552W Primer                   | ≤ 50 g/l                     |
| Sikagard 670W (all colors)             | ≤ 75 g/l                     |
| Sikagard 670W Clear                    | ≤ 50 g/l                     |
| *Sikagard 701W                         | ≤ 220 g/l (≤ 50 g/l diluted) |
| Sikagard Elastic Base Coat             | ≤ 75 g/l                     |
| Sikagard High Gloss Sealer             | ≤ 20 g/l                     |
| Sikalastic 601 BC (US)                 | ≤ 250 g/l                    |
| Sikalastic 621 TC (US)                 | ≤ 225 g/l                    |
| Sikalastic 624 AR (US)                 | ≤ 300 g/l                    |
| Sikalastic 710 Base                    | ≤ 250 g/l                    |
| Sikalastic 715 Top                     | ≤ 250 g/l                    |
| Sikalastic 720 Base                    | ≤ 75 g/l                     |
| Sikalastic 735 AL                      | ≤ 250 g/l                    |
| Sikalastic 736 AL Lo-VOC               | ≤ 100 g/l                    |
| Sikalastic 745 AL                      | ≤ 50 g/l                     |

| <u>Coatings (continued)</u>    | <u>V.O.C. Content</u> |
|--------------------------------|-----------------------|
| Sikalastic 748 PA              | ≤ 100 g/l             |
| SikaProof Seal (both colors)   | ≤ 50 g/l              |
| SikaTop Seal 107 (both colors) | ≤ 50 g/l              |
| SikaTop 144 (both colors)      | ≤ 50 g/l              |

In the past, customers have asked about recycle content.

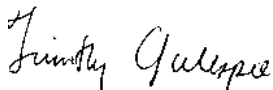
Section MR (Materials and Resources), Credit 4.1 This credit relates to recycle content of materials. No credit for Sika products is available for this section (i.e. 0% pre-consumer recycled content/0% post-consumer recycled content/0% post-industrial recycled content).

Further LEED® information is available on the U.S. Green Building Council web site at [www.usgbc.org](http://www.usgbc.org).

Please refer to the MSDS on the Sika website at [www.sikaconstruction.com](http://www.sikaconstruction.com) for the latest VOC content information about any product.

Thank you for your continued interest in Sika products. Feel free to contact me if you have any questions.

Regards,  
Sika Corporation



Timothy Gillespie  
Director of Marketing, Repair and Protection

TG:lp

Trademark

LEED® is a registered trademark of the U.S. Green Building Council